植物分类学报 39(3):269~271(2001)
Acta Phytotaxonomica Sinica

中国石斛属一新种

金效华　　张玉武
(中国科学院植物研究所　北京 100093)　(贵州科学院梵净山生态站　贵州，江口 554400)
肖丽萍
(香港嘉道理农场暨植物园　香港)

A new species of *Dendrobium* (Orchidaceae) from China

JIN Xiao-Hua　　ZHANG Yu-Wu
(*Institute of Botany, the Chinese Academy of Sciences*, Beijing 100093)　(*Fanjingshan Ecological Station, Guizhou Academy of Sciences*, Jiangkou, Guizhou 554400)
Gloria, SIU Lai-Ping
(*Kadoorie Farm and Botanic Garden*, Hong Kong)

Key words　Orchidaceae; *Dendrobium fanjingshanense* Z. H. Tsi ex X. H. Jin et Y. W. Zhang; New Species; China
关键词　兰科；梵净山石斛；新种；中国

梵净山石斛　新种　图1

Dendrobium fanjingshanense Z. H. Tsi ex X. H. Jin et Y. W. Zhang, sp. nov. Fig. 1

Habitu *D. wilsonii* Rolfe simile, a quo tepalis revolutis fulvis, lobo labelli intermedii infra medium macula una flabellata purpurea ornato.

Epiphyticum; caulis teres, 20~40 cm altus, 2~3 mm crassus, caespitosus, superne 5~6-foliatus, internodiis 1~1.5 cm longis. Folia oblongo-lanceolata, subcoriacea, 2~5 cm longa, 5~15 mm lata, apice obtusa et plus minusve hamata, basi vaginis tubulatis membranaceis obtecta. Inflorescentiae e lateribus partium superarum caulium annotinorum defoliatorum nascentes, versus apicem caulis laterales, 1~2-florae; pedunculi 2~3 mm longi, ca. 1 mm crassi, basi vaginis 3~4 membranaceis 3~4 mm longis instructi; bracteae ovato-triangulatae, 3~5 mm longae, apice acutae, macula atro-fusca ornatae. Flores patentes; pedicelli cum ovario ca. 2~3 cm longi; tepala revoluta, fulva, apice obtusa; sepalum intermedium oblongum 2 cm longum, medio 6~7 mm latum, apice fere obtusum; sepala lateralia paulo oblique ovato-lanceolata, sepalo intermedio aequilonga sed medio paulo angustiora, apice obtusa, basi cum pede columnae mentum obconoideum ca. 8 mm longum 6 mm latum apice obtusum formantia; petala subelliptica, ca. 2 cm longa, medio 6 mm lata, apice subobtusa; labellum fulvum, basi purpureum et dense velutinum, obscure trilobatum, lobis lateralibus semiorbiculatis erectis, basi (inter lobos laterales) callo uno purpureo praeditis, lobo intermedio ovato, ca. 1 cm longo, 7 mm lato, apice subacuto et recurvo, supra medio carinato, glabro; columna alba, ca. 3 mm longa, basi in pedem ca. 9 mm longum producta, pede medio purpurato, glabro; operculum antherae album, ambitu rhombicum, glabrum; pollinia 4.

China. Guizhou (贵州): Fanjingshan Mt. (梵净山), alt. 800~1450 m, in arborum truncis,

2000-06-28 收稿，2001-03-19 收修改稿。
基金项目：香港嘉道理农场暨植物园资助。Finance supported by Kadoorie Farm and Botanic Garden.

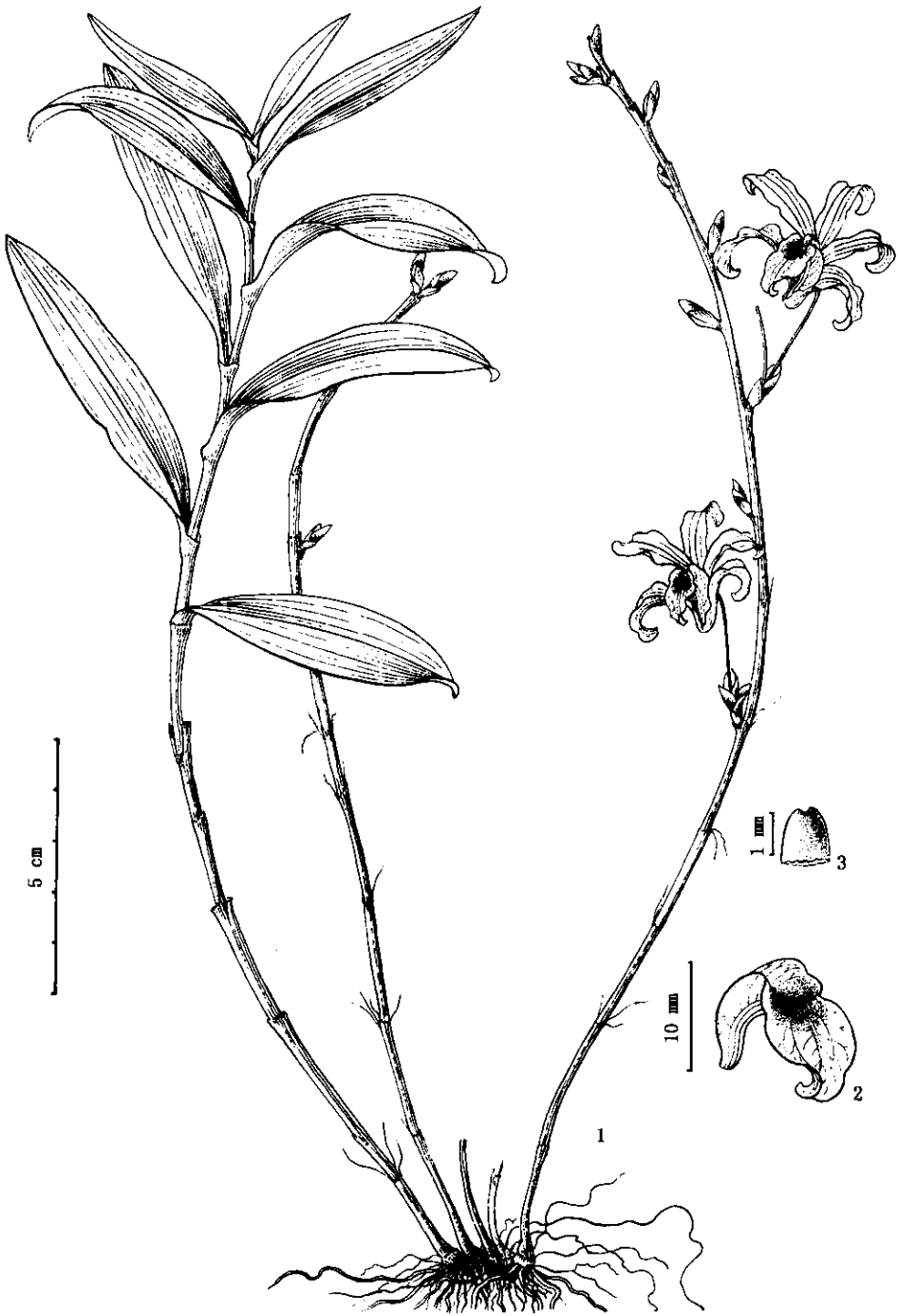

图1 梵净山石斛 1. 植株; 2. 唇瓣; 3. 药帽。(蔡淑琴 绘)
Fig. 1 *Dendrobium fanjingshanense* Z. H. Tsi ex X. H. Jin et Y. W. Zhang 1. Plant; 2. Lip; 3. Operculum.

2000-04-01, Y. W. Zhang (张玉武) 2000-003 (holotypus, hic designatus, PE).

附生草本；茎丛生，长 20～40 cm，粗 2～3 mm，节间长 1～1.5 cm。叶 5～6 枚生于茎的上部，近革质，矩圆状披针形，长 2～5 cm，宽 5～15 mm，先端稍钝，并且稍有钩转，基部具抱茎的鞘；鞘筒状，膜质。花序侧生于去年的已经落叶的茎上部，具 1～2 朵花；花序梗长 2～3 mm，粗约 1 mm，基部具 3～4 枚膜质的鞘，鞘长 3～4 mm；花苞片卵状三角形，长 3～5 mm，具紫褐色的斑块。花开展，花梗连同子房长 2～3 cm；花被片反卷而边缘稍成波状，橙黄色；中萼片长圆形，长约 2 cm，中部宽 6～7 mm，先端近钝尖；侧萼片为稍斜卵状披针形，与中萼片等长，但稍窄，先端近钝，基部与蕊柱足形成萼囊；萼囊倒圆锥状，长约 8 mm，宽约 6 mm，末端钝；花瓣近椭圆形，长约 2 cm，中部宽约 6 mm，先端近钝；唇瓣橙黄色，长约 2 cm，下部具 1 块大的扇形斑块，其上密布短绒毛，不明显 3 裂；侧裂片近半圆形，上举，在基部（两侧裂片间）具 1 条淡紫色的胼胝体；中裂片卵形，长约 1 cm，宽约 7 mm，先端近钝而下弯，上面具 1 条隆起的脊突，无毛，蕊柱乳白色，长约 3 mm，具长约 9 mm 的蕊柱足，内侧具紫色条纹，无毛；药帽乳白色，近菱形，无毛；花粉团 4 个。

本种在体态上近于广东石斛 *Dendrobium wilsonii* Rolfe.，区别在于本种的花黄褐色或橙黄色，花被片反卷，唇瓣中裂片下部紫色。

致谢　本文经王文采先生、吉占和先生审阅并提出修改意见，特此致谢。

（责任编辑　徐 黎）